INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014329

	CATION OF SUBJECT MATTER (2006.01), F25B41/06 (2006.01)				
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SE	EARCHED				
	nentation searched (classification system followed by cl (2006.01), F25B41/06 (2006.01)	lassification symbols)			
Jitsuyo Kokai J:	e fields searched 1996-2005 1994-2005				
	pase consulted during the international search (name of	data base and, where practicable, search to	erms used)		
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap		Relevant to claim No.		
x	Microfilm of the specification annexed to the request of Jap Model Application No. 90489/1 No. 202070/1982) (Diesel Kiki Co., Ltd.), 22 December, 1982 (22.12.82), Page 2, lines 12 to 20; page lines 12 to 16; Fig. 1 (Family: none) JP 4-251164 A (Toshiba Corp. 07 September, 1992 (07.09.92) Par. Nos. [0043], [0047]; Fig. (Family: none)	panese Utility 1981(Laid-open 4,	1-3		
Further do	cuments are listed in the continuation of Box C.	See patent family annex.	· ·		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family			
Date of the actual completion of the international search 20 October, 2005 (20.10.05)		Date of mailing of the international sear 01 November, 2005			
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (April 2005)					

国際調査報告

発明の属する分野の分類(国際特許分類(IPC)) Int.Cl.⁷ F25B5/02 (2006.01), F25B41/06 (2006.01)

調査を行った分野

調査を行った最小限資料(国際特許分類(IPC))

Int.Cl.⁷ F25B5/02 (2006.01), F25B41/06 (2006.01)

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報

1922-1996年

日本国公開実用新案公報

1971-2005年

日本国実用新案登録公報

1996-2005年

日本国登録実用新案公報

1994-2005年

国際調査で使用した電子データベース(データベースの名称、調査に使用した用語)

c.	関連する	らと認められる文献	
引用	文献の		
	and 17	可用分数点	77. 78

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
х	日本国実用新案登録出願 56-90489 号(日本国実用新案登録出願公開 57-202070 号)の願書に添付した明細書及び図面の内容を撮影したマ イクロフィルム(デーゼル機器株式会社)1982.12.22 第2頁第12-20行、第4頁第12-16行、第1図(ファミリーなし)	1-3
Х	JP 4-251164 A (株式会社東芝) 1992.09.07 段落【0043】、【0047】、第9図(ファミリーなし)	1–3

□ C欄の続きにも文献が列挙されている。

□ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

- 「A」特に関連のある文献ではなく、一般的技術水準を示す
- 「E」国際出願日前の出願または特許であるが、国際出願日 以後に公表されたもの
- 「L」優先権主張に疑義を提起する文献又は他の文献の発行 日若しくは他の特別な理由を確立するために引用す る文献(理由を付す)
- 「O」ロ頭による開示、使用、展示等に含及する文献
- 「P」国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

- 「T」国際出願日又は優先日後に公表された文献であって 出願と矛盾するものではなく、発明の原理又は理論 の理解のために引用するもの
- 「X」特に関連のある文献であって、当該文献のみで発明 の新規性又は進歩性がないと考えられるもの
- 「Y」特に関連のある文献であって、当該文献と他の1以 上の文献との、当業者にとって自明である組合せに よって進歩性がないと考えられるもの
- 「&」同一パテントファミリー文献

国際調査を完了した日

20. 10. 2005

国際調査報告の発送日

01.11.2005

国際調査機関の名称及びあて先

日本国特許庁(ISA/JP) 郵便番号100-8915 東京都千代田区霞が関三丁目4番3号 特許庁審査官(権限のある職員)

3 M 3332

神崎 孝之

電話番号 03-3581-1101 内線 3377

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014329

	101/012	003/014323				
A. CLASSIFICATION OF SUBJECT MATTER F25B5/02 (2006.01), F25B41/06 (2006.01)						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) F25B5/02 (2006.01), F25B41/06 (2006.01)						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005 Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category* Citation of document, with indication, where ap		Relevant to claim No.				
annexed to the request of Jap Model Application No. 90489/1 No. 202070/1982) (Diesel Kiki Co., Ltd.), 22 December, 1982 (22.12.82), Page 2, lines 12 to 20; page lines 12 to 16; Fig. 1 (Family: none) X JP 4-251164 A (Toshiba Corp. 07 September, 1992 (07.09.92)	(Diesel Kiki Co., Ltd.), 22 December, 1982 (22.12.82), Page 2, lines 12 to 20; page 4, lines 12 to 16; Fig. 1 (Family: none) JP 4-251164 A (Toshiba Corp.),					
Par. Nos. [0043], [0047]; Fig (Family: none)						
Further documents are listed in the continuation of Box C.	See patent family annex.					
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international	"T" later document published after the int date and not in conflict with the applic the principle or theory underlying the i "X" document of particular relevance; the	ation but cited to understand invention				
filing date "L" document which may throw doubts on priority claim(s) or which is	considered novel or cannot be consi step when the document is taken alone	idered to involve an inventive				
cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art					
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent					
Date of the actual completion of the international search 20 October, 2005 (20.10.05)	Date of mailing of the international sea 01 November, 2005					
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer					
Facsimile No.	Telephone No.					